

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

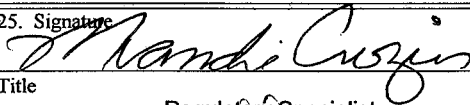
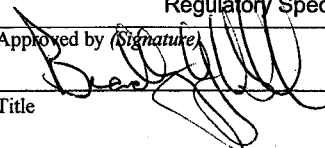
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-37812
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Pariette Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pariette Federal R-34-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43047-40163
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 1958' FSL 1852' FWL At proposed prod. zone 1330' FSL 2520' FWL		10. Field and Pool, or Exploratory Eight Mile Flat 590
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R18E		12. County or Parish Uintah
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximatley 20.5 miles southeast of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 10' f/lse, 1310' f/unit	16. No. of Acres in lease 200.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1286'	19. Proposed Depth 6135'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4861' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 6/20/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 07-07-08
Title Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Surf
595 356X
4436 199Y
40.072550
- 104.881752

BHL
595561X
4436009Y
40.070820
-104.879369

Federal Approval of this
Action is Necessary

RECEIVED

JUN 25 2008

DIV. OF OIL, GAS & MINING

T8S, R18E, S.L.B.&M.

N89°58'W - 79.92 G.L.O.

N89°56'31"W - 2642.35' (Meas.)

1910
Brass Cap

3/4" Pipe on Cap

WELL LOCATION:
PARIETTE DRAW R-34-8-18

ELEV. EXIST. GRADED GROUND = 4861'

34

DRILLING
WINDOW

Top
of Hole

1852'

200

2520'

8

Bottom
of Hole

133

Portioned
(Not Set)

1910
Brass Cap

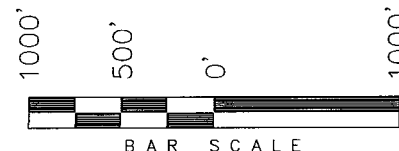
589°55'59"E - 2641.38' (Meas.)

$S89^{\circ}55'59''E - 2641.38'$ (Meas.)

N89°59'E (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, PARIETTE DRAW
R-34-8-18, LOCATED AS SHOWN IN THE
NE 1/4 SW 1/4 OF SECTION 34, T8S,
R18E, S.L.B.&M. UTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.

REGISTERED LAND SURVEYOR
REGISTRATION No. 120337
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
04-26-08

SURVEYED BY: T.H.

DATE DRAWN:
05-04-08

DRAWN BY: F.T.M.

REVISÉ:

SCALE: 1" = 1000'

 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

PARIETTE DRAW R-34-8-18
(Surface Location) NAD 83
LATITUDE = 40° 04' 21.06"
LONGITUDE = 109° 52' 56.76"

NEWFIELD PRODUCTION COMPANY
PARIETTE FEDERAL R-34-8-18
AT SURFACE: NE/SW SECTION 34, T8S, R18E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1493'
Green River	1493'
Wasatch	6135'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1493' – 6135' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
PARIETTE FEDERAL R-34-8-18
AT SURFACE: NE/SW SECTION 34, T8S, R18E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Pariette Federal R-34-8-18 located in the NE 1/4 SW 1/4 Section 34, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.5 miles \pm to it's junction with an existing road to the north; proceed northeasterly - 4.5 miles \pm to it's junction with an existing road to the southeast; proceed in a southeasterly direction - 1.5 miles \pm to it's junction with an existing road to the east; proceed easterly - 1.3 miles \pm to it's junction with an existing road to the northeast; proceed easterly - 0.3 miles \pm to it's junction with the beginning of the access road to the existing Federal 3-34-8-18 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 3-34-8-18 well pad. See attached Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Federal 3-34-8-18 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Pariette Federal R-34-8-18. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Pariette Federal R-34-8-18 will be drilled off of the existing Federal 3-34-8-18 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 160' of disturbed area be granted in Lease UTU-37812 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 160' of proposed water injection line are attached. MOAC Report #08-137, 6/9/08. Paleontological Resource Survey prepared by, Wade E. Miller, 5/29/08. See attached report cover pages, Exhibit "D".

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

A cactus survey will be required prior to construction of the proposed water injection line for the Pariette Federal R-34-8-18.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Pariette Federal R-34-8-18 was on-sited on 5/14/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management) Dan Emmett (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**Representative**

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

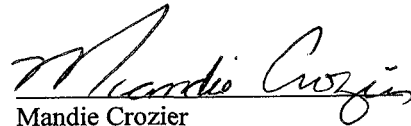
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #R-34-8-18 NE/SW Section 34, Township 8S, Range 18E: Lease UTU-37812 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

6/20/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Uintah County, UT NAD83 UTC
Site: Pariette Draw
Well: Pariette Draw R-34-8-18
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

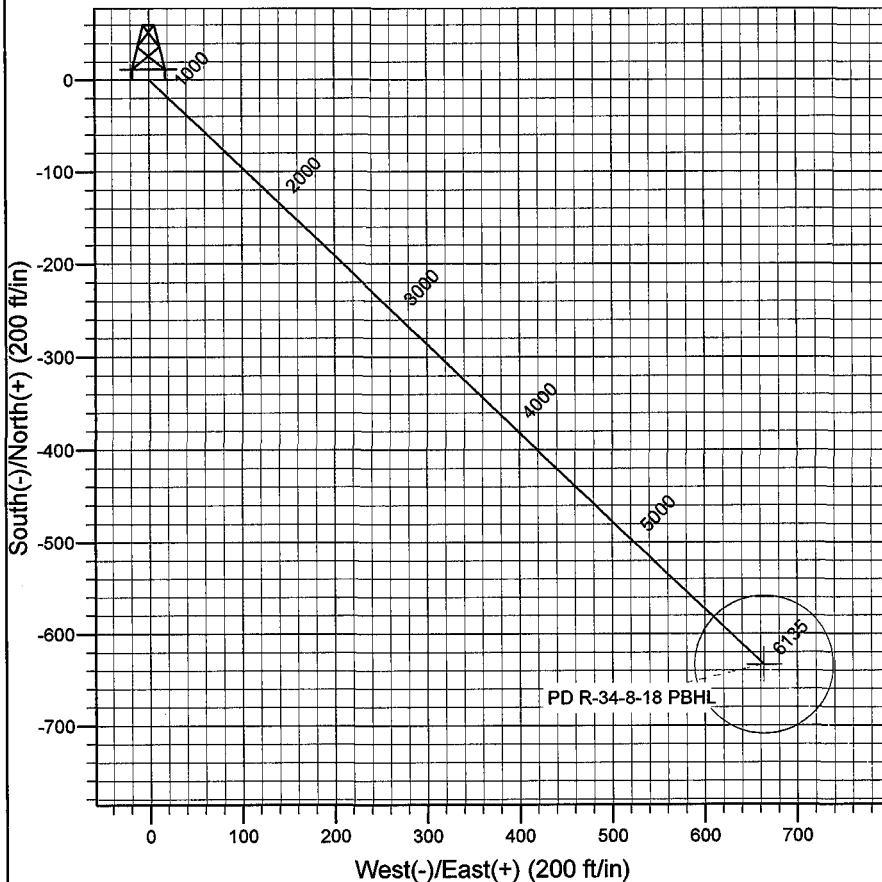
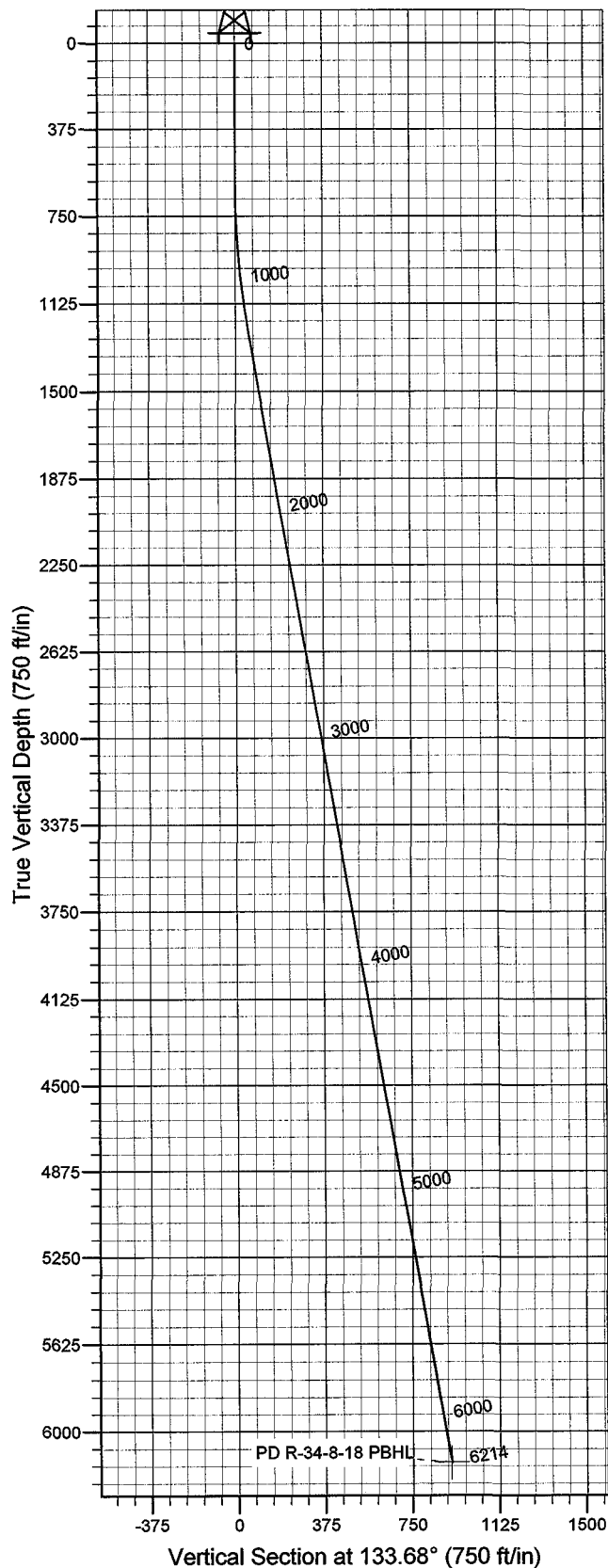


Azimuths to True North
Magnetic North: 11.62°

Magnetic Field
Strength: 52639.2snT
Dip Angle: 65.94°
Date: 2008-06-10
Model: IGRF2005-10

WELL DETAILS: Pariette Draw R-34-8-18

GL 4861' & RKB 12' @ 4873.00ft 4861.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 7199245.55 2093056.85 40° 4' 21.060 N 109° 52' 56.760 W



Plan: Plan #1 (Pariette Draw R-34-8-18/OH)

Created By: Julie Cruse Date: 2008-06-10

PROJECT DETAILS: Uintah County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1267.36	10.01	133.68	1263.97	-40.16	42.06	1.50	133.68	58.15	
6213.69	10.01	133.68	6135.00	-633.97	663.88	0.00	0.00	917.96	PD R-34-8-18 PBHL

Newfield Exploration Co.

Uintah County, UT NAD83 UTC

Pariette Draw

Pariette Draw R-34-8-18

OH

Plan: Plan #1

Standard Planning Report

10 June, 2008

Scientific Drilling Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Pariette Draw
Well: Pariette Draw R-34-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Pariette Draw R-34-8-18
TVD Reference: GL 4861' & RKB 12' @ 4873.00ft
MD Reference: GL 4861' & RKB 12' @ 4873.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Uintah County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Pariette Draw			
Site Position:		Northing:	7,199,245.55 ft	Latitude: 40° 4' 21.060 N
From:	Lat/Long	Easting:	2,093,056.85 ft	Longitude: 109° 52' 56.760 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence: 1.04 °

Well	Pariette Draw R-34-8-18, 1958' FSL 1852' FWL Sec 34 T8S R18E			
Well Position	+N/-S 0.00 ft	Northing:	7,199,245.55 ft	Latitude: 40° 4' 21.060 N
	+E/-W 0.00 ft	Easting:	2,093,056.85 ft	Longitude: 109° 52' 56.760 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level: 4,861.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-06-10	11.62	65.94	52,639

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	133.68

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,267.36	10.01	133.68	1,263.97	-40.16	42.06	1.50	1.50	0.00	133.68	
6,213.69	10.01	133.68	6,135.00	-633.97	663.88	0.00	0.00	0.00	0.00	PD R-34-8-18 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Pariette Draw
Well: Pariette Draw R-34-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Pariette Draw R-34-8-18
TVD Reference: GL 4861' & RKB 12' @ 4873.00ft
MD Reference: GL 4861' & RKB 12' @ 4873.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	133.68	699.99	-0.90	0.95	1.31	1.50	1.50	0.00
800.00	3.00	133.68	799.91	-3.62	3.79	5.23	1.50	1.50	0.00
900.00	4.50	133.68	899.69	-8.13	8.52	11.77	1.50	1.50	0.00
1,000.00	6.00	133.68	999.27	-14.45	15.13	20.92	1.50	1.50	0.00
1,100.00	7.50	133.68	1,098.57	-22.57	23.63	32.68	1.50	1.50	0.00
1,200.00	9.00	133.68	1,197.54	-32.48	34.01	47.03	1.50	1.50	0.00
1,267.36	10.01	133.68	1,263.97	-40.16	42.06	58.15	1.50	1.50	0.00
1,300.00	10.01	133.68	1,296.11	-44.08	46.16	63.82	0.00	0.00	0.00
1,400.00	10.01	133.68	1,394.59	-56.08	58.73	81.21	0.00	0.00	0.00
1,500.00	10.01	133.68	1,493.07	-68.09	71.30	98.59	0.00	0.00	0.00
1,600.00	10.01	133.68	1,591.55	-80.09	83.87	115.97	0.00	0.00	0.00
1,700.00	10.01	133.68	1,690.02	-92.10	96.44	133.36	0.00	0.00	0.00
1,800.00	10.01	133.68	1,788.50	-104.10	109.02	150.74	0.00	0.00	0.00
1,900.00	10.01	133.68	1,886.98	-116.11	121.59	168.12	0.00	0.00	0.00
2,000.00	10.01	133.68	1,985.46	-128.11	134.16	185.50	0.00	0.00	0.00
2,100.00	10.01	133.68	2,083.93	-140.12	146.73	202.89	0.00	0.00	0.00
2,200.00	10.01	133.68	2,182.41	-152.12	159.30	220.27	0.00	0.00	0.00
2,300.00	10.01	133.68	2,280.89	-164.13	171.87	237.65	0.00	0.00	0.00
2,400.00	10.01	133.68	2,379.37	-176.13	184.44	255.03	0.00	0.00	0.00
2,500.00	10.01	133.68	2,477.84	-188.14	197.01	272.42	0.00	0.00	0.00
2,600.00	10.01	133.68	2,576.32	-200.14	209.59	289.80	0.00	0.00	0.00
2,700.00	10.01	133.68	2,674.80	-212.15	222.16	307.18	0.00	0.00	0.00
2,800.00	10.01	133.68	2,773.28	-224.15	234.73	324.57	0.00	0.00	0.00
2,900.00	10.01	133.68	2,871.75	-236.16	247.30	341.95	0.00	0.00	0.00
3,000.00	10.01	133.68	2,970.23	-248.16	259.87	359.33	0.00	0.00	0.00
3,100.00	10.01	133.68	3,068.71	-260.17	272.44	376.71	0.00	0.00	0.00
3,200.00	10.01	133.68	3,167.19	-272.18	285.01	394.10	0.00	0.00	0.00
3,300.00	10.01	133.68	3,265.67	-284.18	297.59	411.48	0.00	0.00	0.00
3,400.00	10.01	133.68	3,364.14	-296.19	310.16	428.86	0.00	0.00	0.00
3,500.00	10.01	133.68	3,462.62	-308.19	322.73	446.25	0.00	0.00	0.00
3,600.00	10.01	133.68	3,561.10	-320.20	335.30	463.63	0.00	0.00	0.00
3,700.00	10.01	133.68	3,659.58	-332.20	347.87	481.01	0.00	0.00	0.00
3,800.00	10.01	133.68	3,758.05	-344.21	360.44	498.39	0.00	0.00	0.00
3,900.00	10.01	133.68	3,856.53	-356.21	373.01	515.78	0.00	0.00	0.00
4,000.00	10.01	133.68	3,955.01	-368.22	385.58	533.16	0.00	0.00	0.00
4,100.00	10.01	133.68	4,053.49	-380.22	398.16	550.54	0.00	0.00	0.00
4,200.00	10.01	133.68	4,151.96	-392.23	410.73	567.92	0.00	0.00	0.00
4,300.00	10.01	133.68	4,250.44	-404.23	423.30	585.31	0.00	0.00	0.00
4,400.00	10.01	133.68	4,348.92	-416.24	435.87	602.69	0.00	0.00	0.00
4,500.00	10.01	133.68	4,447.40	-428.24	448.44	620.07	0.00	0.00	0.00
4,600.00	10.01	133.68	4,545.87	-440.25	461.01	637.46	0.00	0.00	0.00
4,700.00	10.01	133.68	4,644.35	-452.25	473.58	654.84	0.00	0.00	0.00
4,800.00	10.01	133.68	4,742.83	-464.26	486.16	672.22	0.00	0.00	0.00
4,900.00	10.01	133.68	4,841.31	-476.26	498.73	689.60	0.00	0.00	0.00
5,000.00	10.01	133.68	4,939.78	-488.27	511.30	706.99	0.00	0.00	0.00
5,100.00	10.01	133.68	5,038.26	-500.27	523.87	724.37	0.00	0.00	0.00
5,200.00	10.01	133.68	5,136.74	-512.28	536.44	741.75	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Uintah County, UT NAD83 UTC
Site: Pariette Draw
Well: Pariette Draw R-34-8-18
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Pariette Draw R-34-8-18
TVD Reference: GL 4861' & RKB 12' @ 4873.00ft
MD Reference: GL 4861' & RKB 12' @ 4873.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	10.01	133.68	5,235.22	-524.28	549.01	759.13	0.00	0.00	0.00
5,400.00	10.01	133.68	5,333.70	-536.29	561.58	776.52	0.00	0.00	0.00
5,500.00	10.01	133.68	5,432.17	-548.29	574.16	793.90	0.00	0.00	0.00
5,600.00	10.01	133.68	5,530.65	-560.30	586.73	811.28	0.00	0.00	0.00
5,700.00	10.01	133.68	5,629.13	-572.30	599.30	828.67	0.00	0.00	0.00
5,800.00	10.01	133.68	5,727.61	-584.31	611.87	846.05	0.00	0.00	0.00
5,900.00	10.01	133.68	5,826.08	-596.31	624.44	863.43	0.00	0.00	0.00
6,000.00	10.01	133.68	5,924.56	-608.32	637.01	880.81	0.00	0.00	0.00
6,100.00	10.01	133.68	6,023.04	-620.32	649.58	898.20	0.00	0.00	0.00
6,200.00	10.01	133.68	6,121.52	-632.33	662.15	915.58	0.00	0.00	0.00
6,213.69	10.01	133.68	6,135.00	-633.97	663.88	917.96	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PD R-34-8-18 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,135.00	-633.97	663.88	7,198,623.68	2,093,732.08	40° 4' 14.794 N	109° 52' 48.220 W

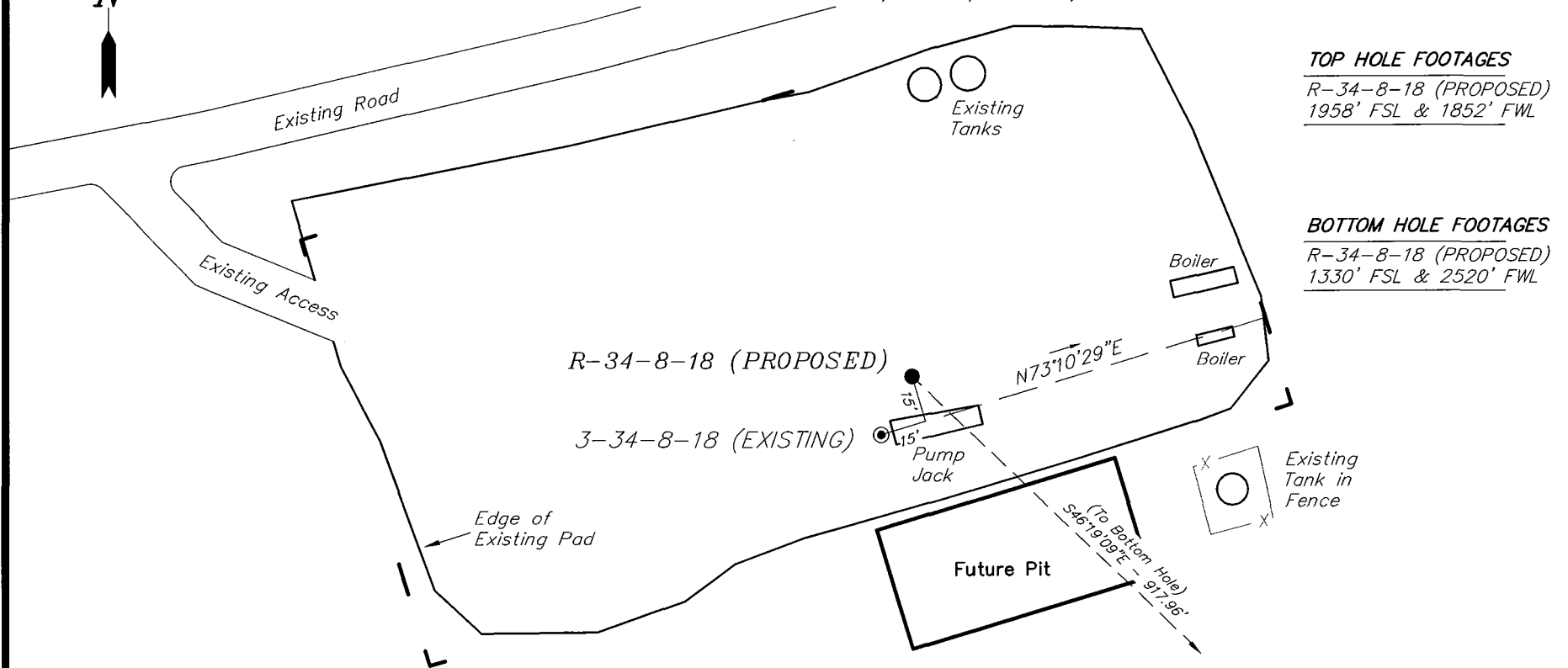
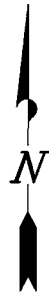
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

PARIETTE DRAW R-34-8-18 (Proposed Well)

PARIETTE DRAW 3-34-8-18 (Existing Well)

Pad Location: NESW Section 34, T8S, R18E, S.L.B.&M.



TOP HOLE FOOTAGES

R-34-8-18 (PROPOSED)
1958' FSL & 1852' FWL

BOTTOM HOLE FOOTAGES

R-34-8-18 (PROPOSED)
1330' FSL & 2520' FWL

Note:

Bearings are based on
GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
R-34-8-18	-634'	664'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
R-34-8-18	40° 04' 21.06"	109° 52' 56.76"
3-34-8-18	40° 04' 20.87"	109° 52' 56.89"

SURVEYED BY: T.H.	DATE SURVEYED: 04-26-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-04-08
SCALE: 1" = 50'	REVISED:

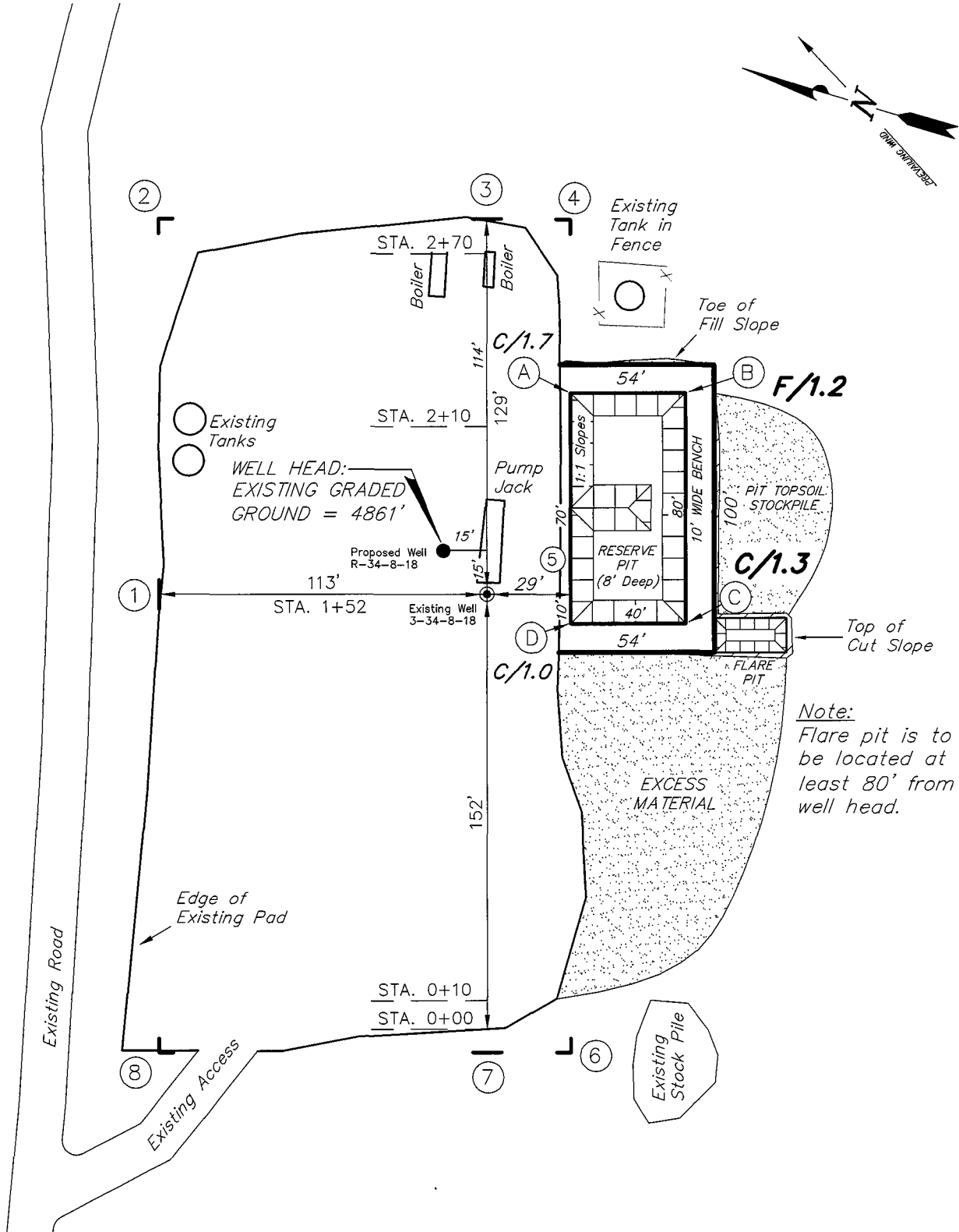
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

PARIETTE DRAW R-34-8-18 (Proposed Well)

PARIETTE DRAW 3-34-8-18 (Existing Well)

Pad Location: NESW Section 34, T8S, R18E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 04-26-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-04-08
SCALE: 1" = 50'	REVISED:

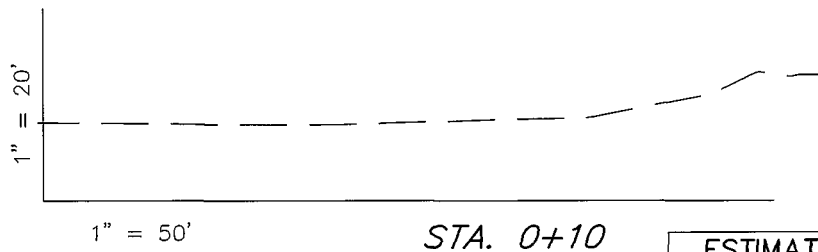
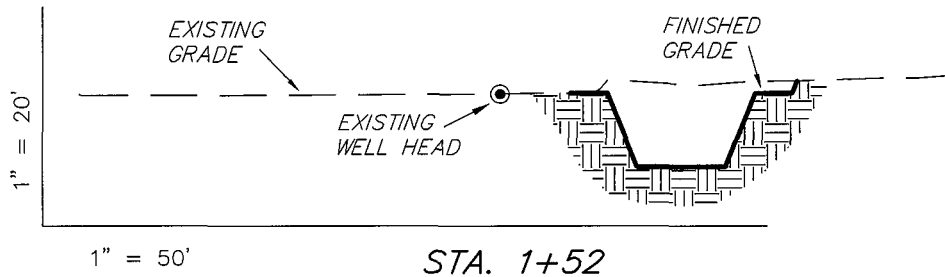
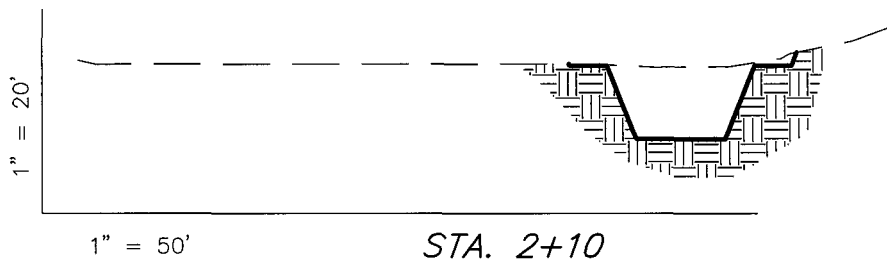
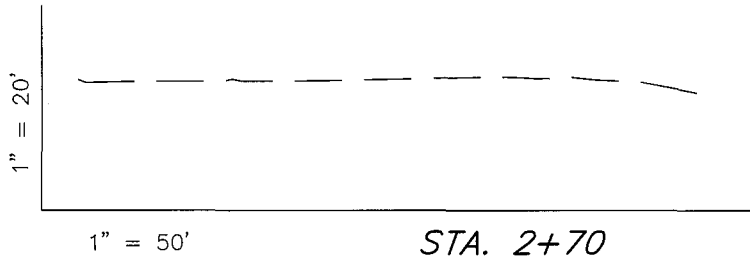
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

PARIETTE DRAW R-34-8-18 (Proposed Well)

PARIETTE DRAW 3-34-8-18 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	140	10	Topsoil is not included in Pad Cut	130
PIT	640	0		640
TOTALS	780	10	120	770

SURVEYED BY: T.H.	DATE SURVEYED: 04-26-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-04-08
SCALE: 1" = 50'	REVISED:

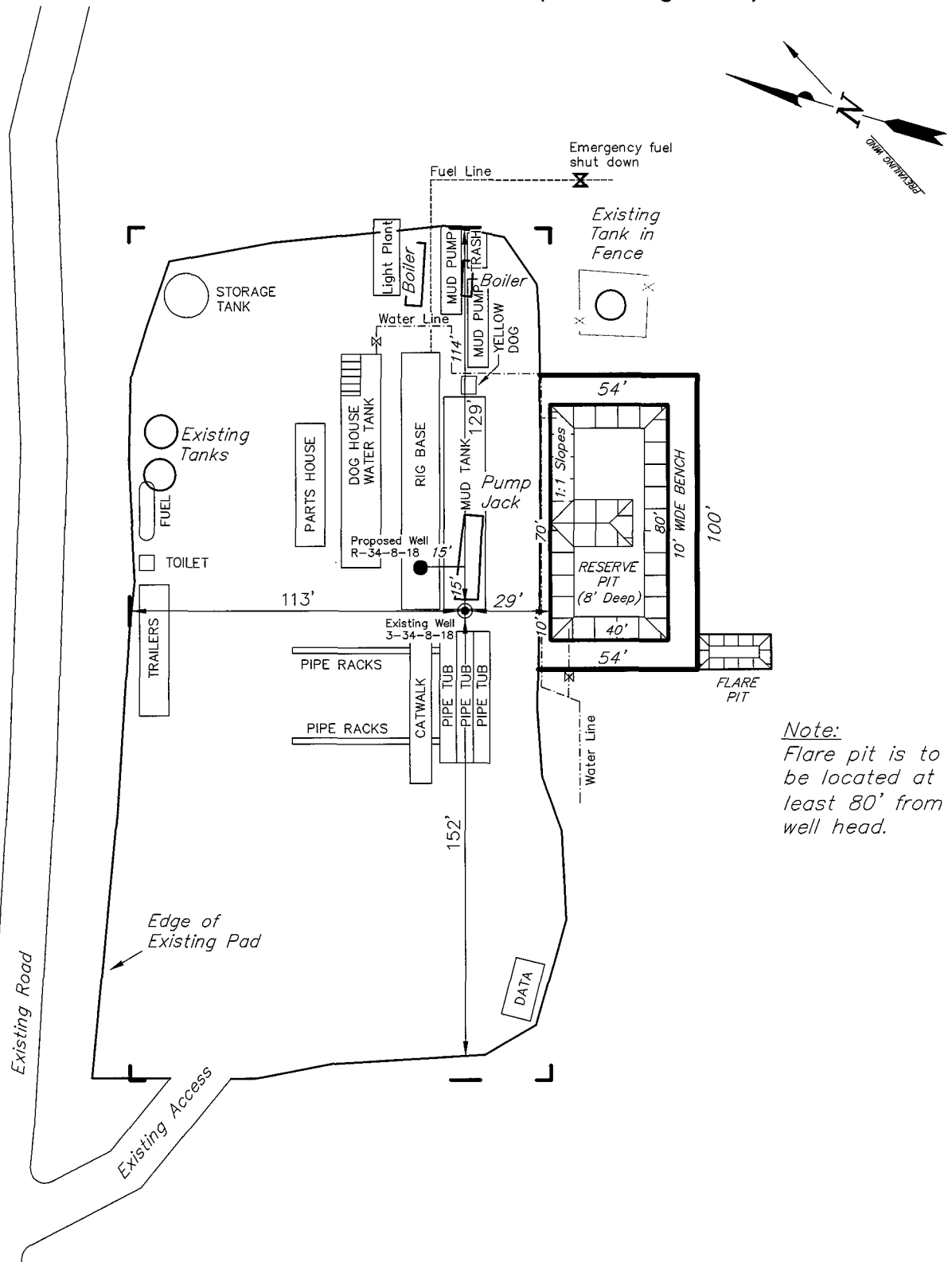
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

PARIETTE DRAW R-34-8-18 (Proposed Well)

PARIETTE DRAW 3-34-8-18 (Existing Well)



SURVEYED BY: T.H.	DATE SURVEYED: 04-26-08
DRAWN BY: F.T.M.	DATE DRAWN: 05-04-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

Pariette Federal R-34-8-18

From the 3-34-8-18 Location

NE/SW Sec. 34 T8S, R18E

Uintah County, Utah

UTU-37812

Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

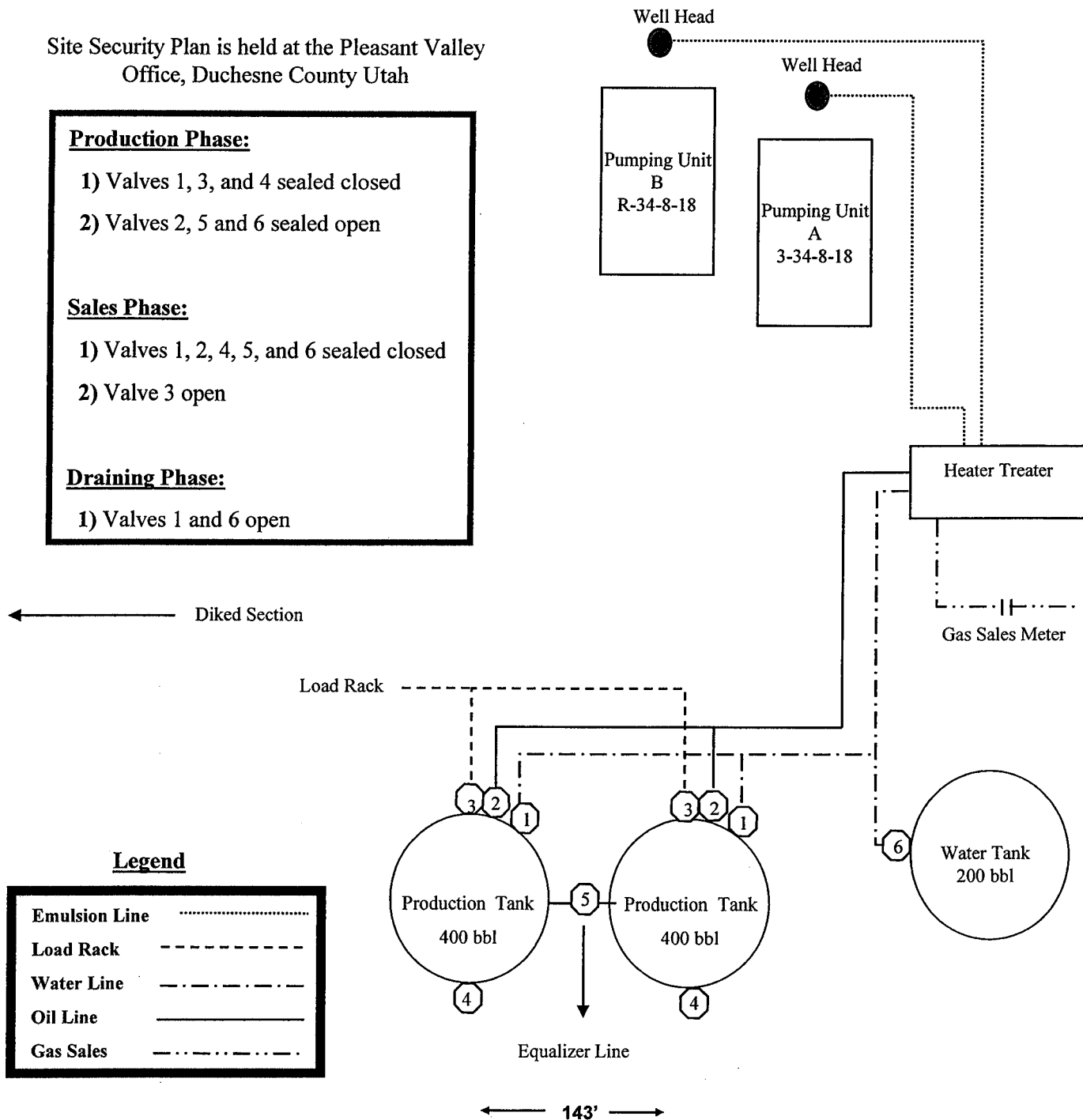
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

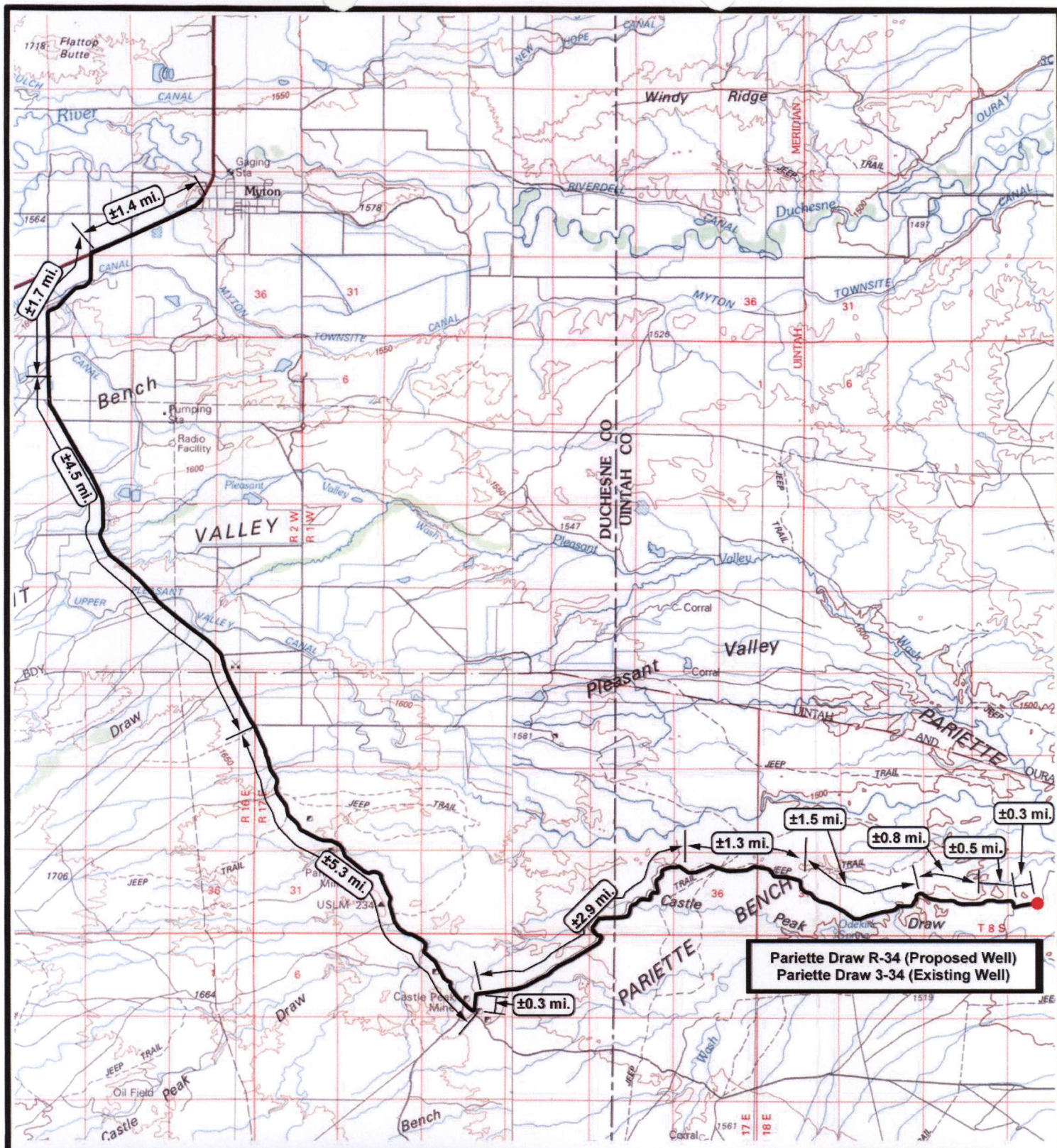
Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open


Draining Phase:

- 1) Valves 1 and 6 open





Pariette Draw R-34 (Proposed Well)
Pariette Draw 3-34 (Existing Well)



NEWFIELD
Exploration Company

Pariette Draw R-34-8-18 (Proposed Well)
Pariette Draw 3-34-8-18 (Existing Well)
 Pad Location: NESW SEC. 34, T8S, R18E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

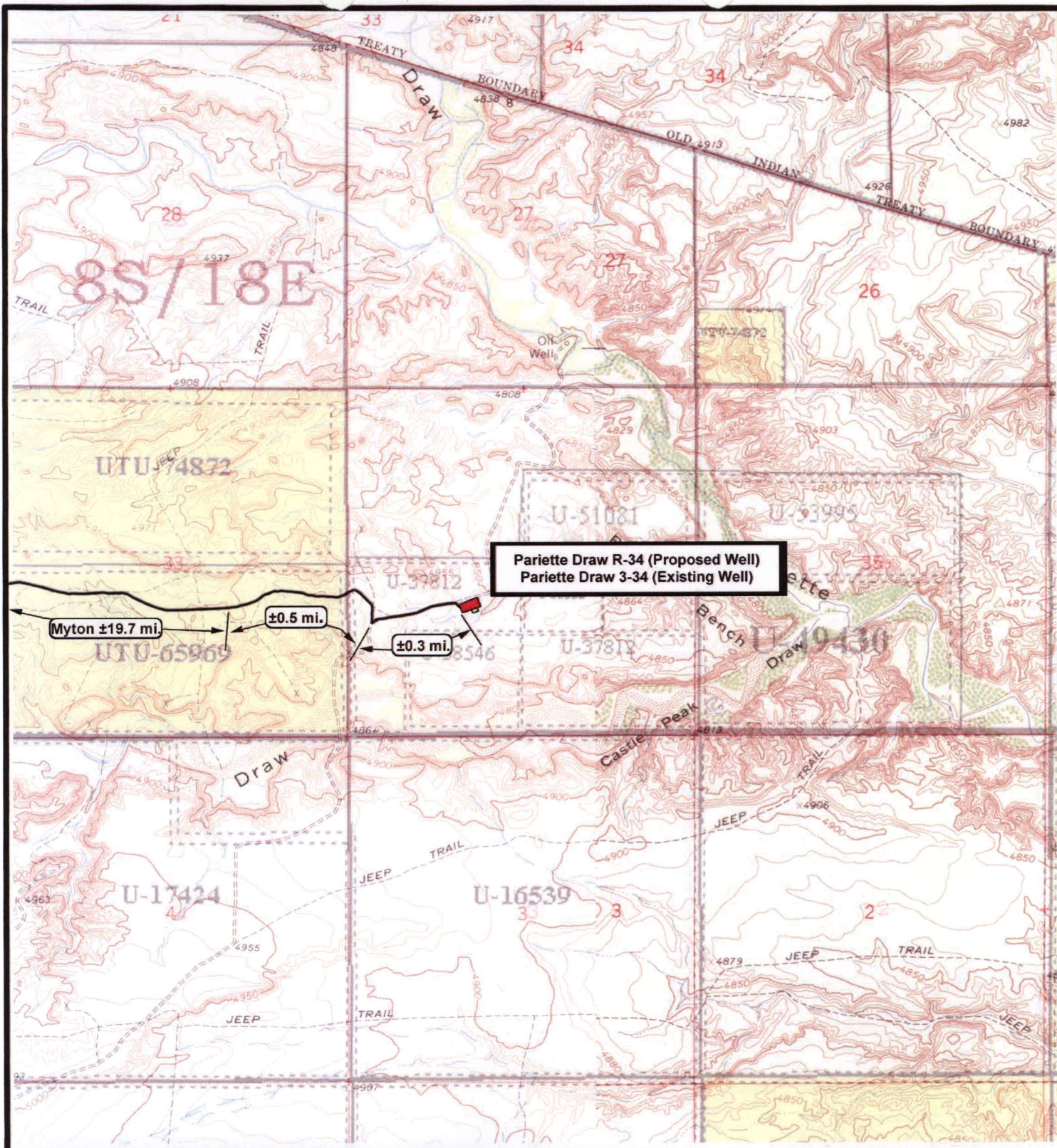
SCALE: 1:100,000
 DRAWN BY: JAS
 DATE: 05-08-2008


Legend

— Existing Road

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Pariette Draw R-34-8-18 (Proposed Well)
Pariette Draw 3-34-8-18 (Existing Well)
 Pad Location: NESW SEC. 34, T8S, R18E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

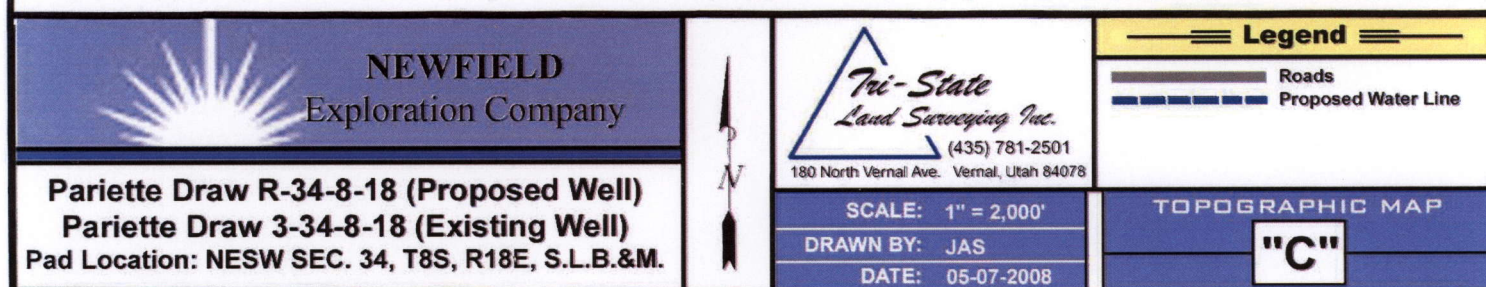
SCALE: 1" = 2,000'
 DRAWN BY: JAS
 DATE: 05-07-2008

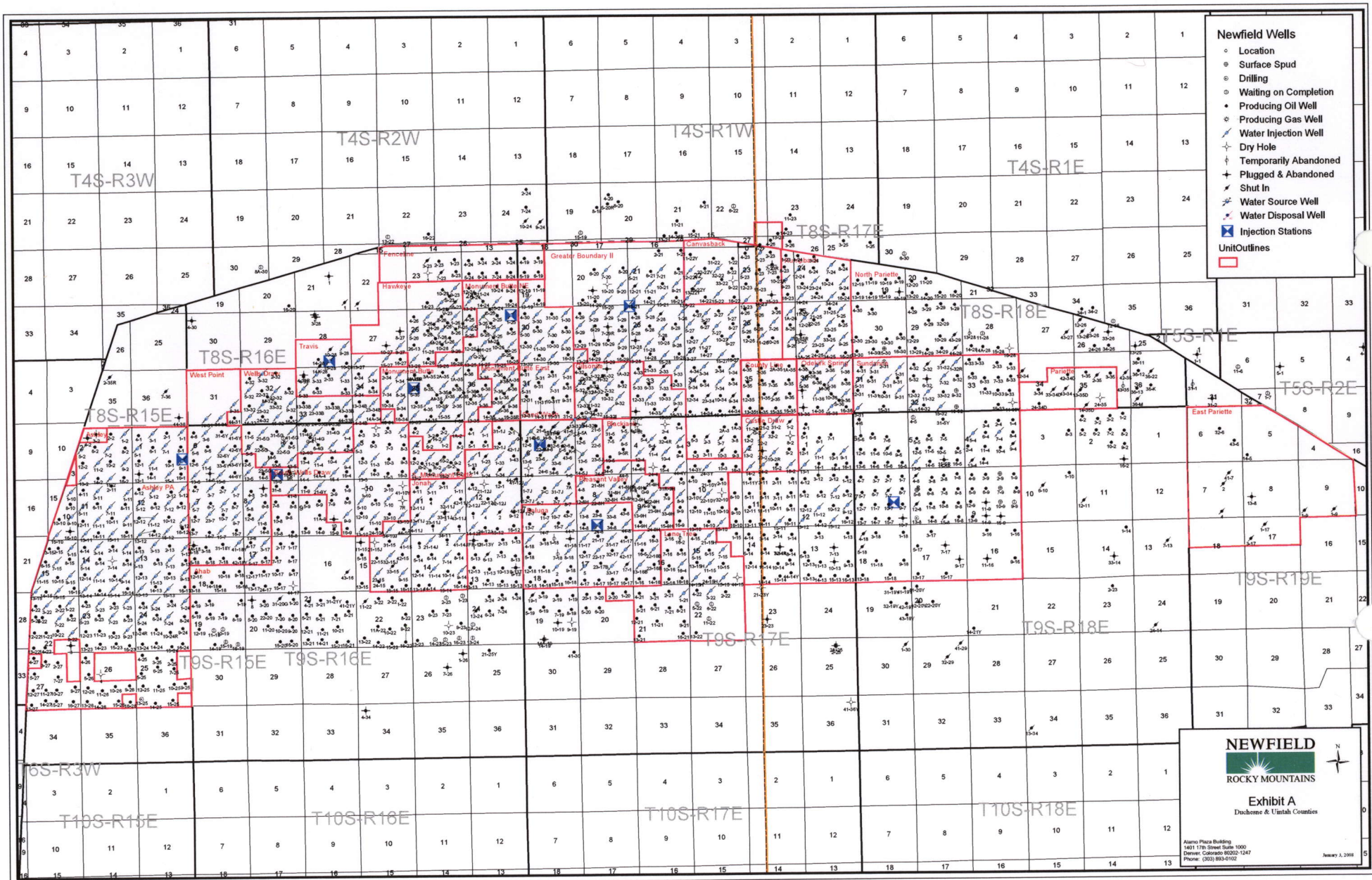
Legend

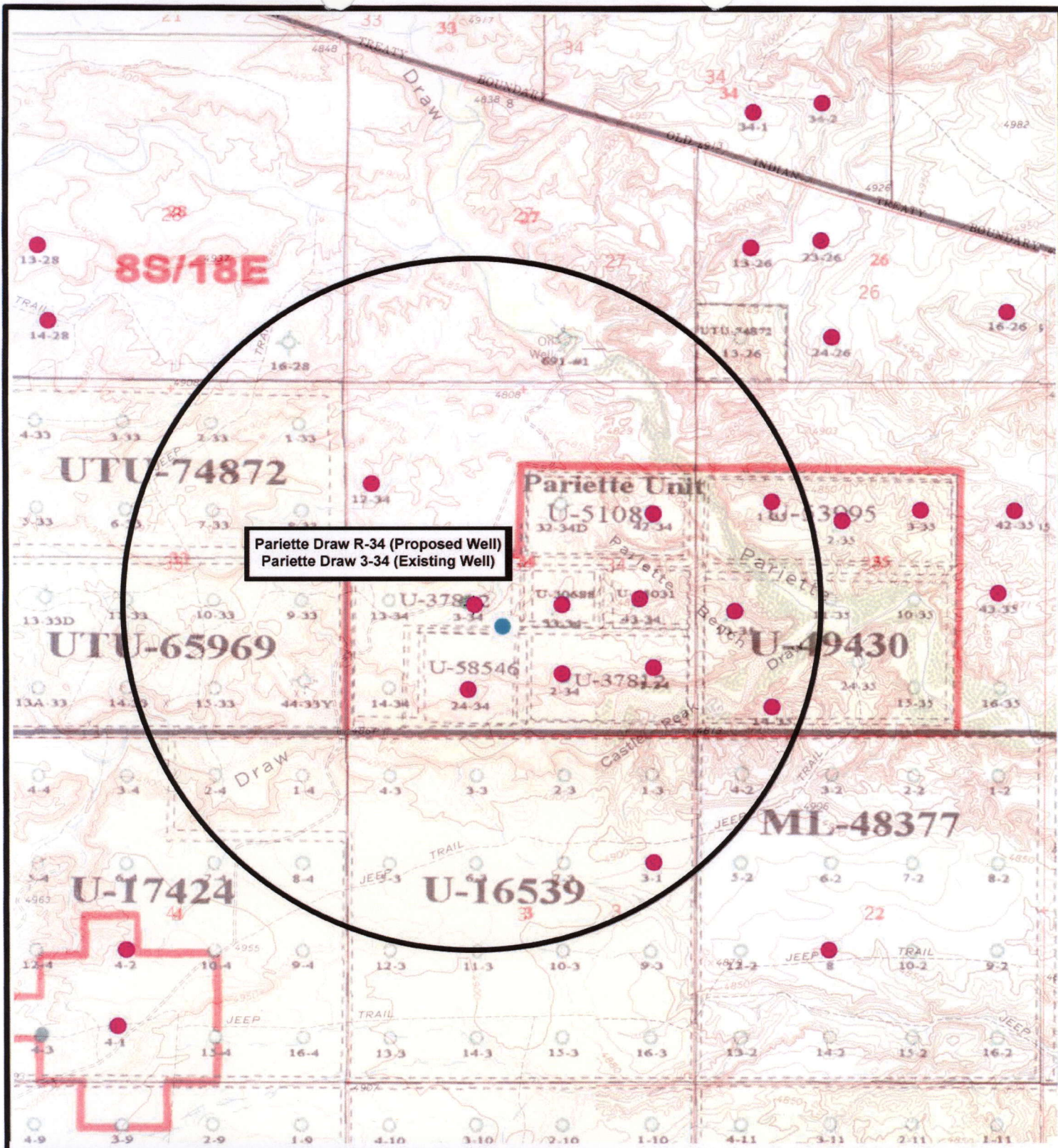
— Existing Road

TOPOGRAPHIC MAP

"B"







NEWFIELD
Exploration Company

Pariette Draw R-34-8-18 (Proposed Well)
Pariette Draw 3-34-8-18 (Existing Well)
Pad Location: NESW SEC. 34, T8S, R18E, S.L.B.&M.

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 05-08-2008

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

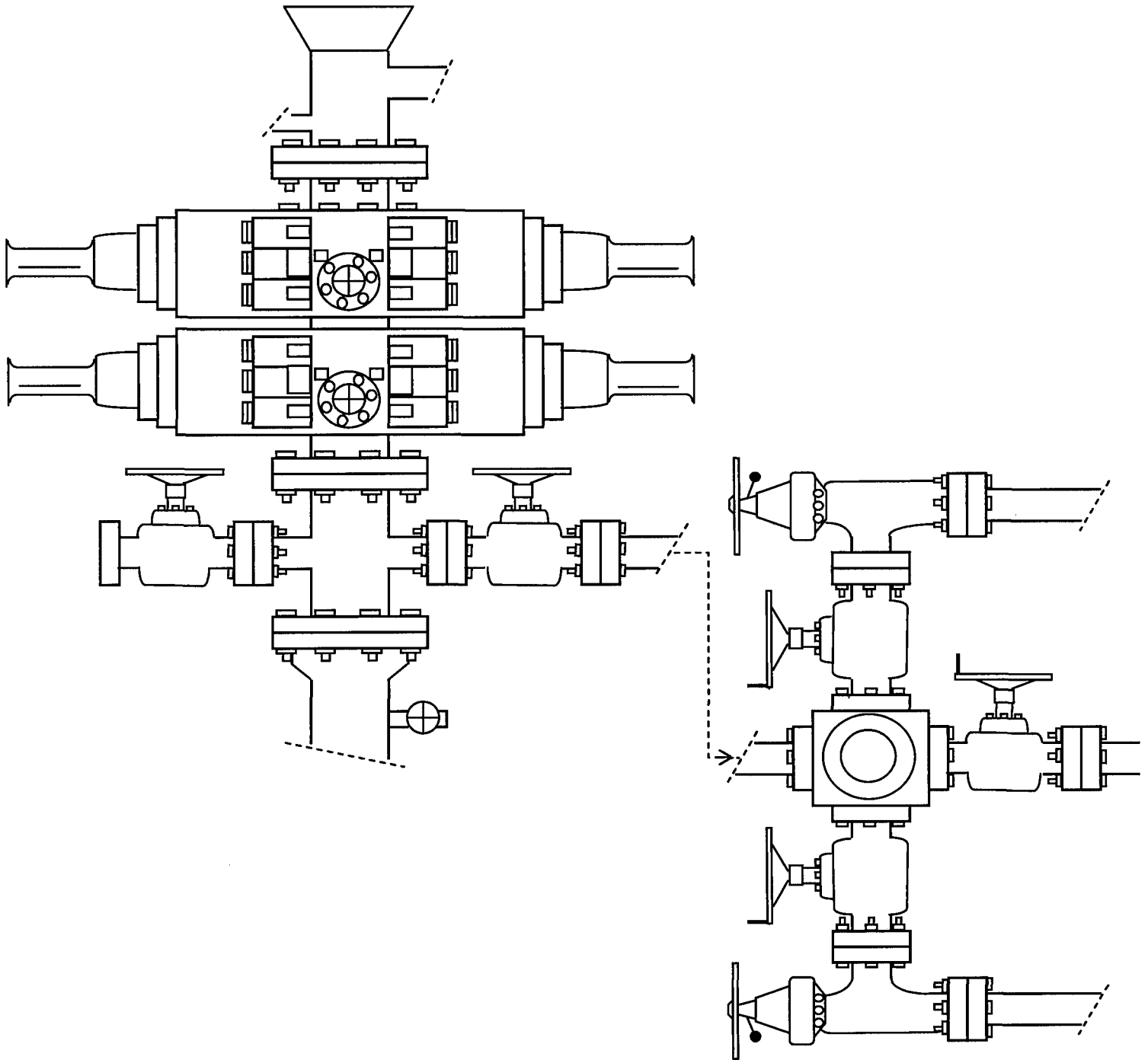


EXHIBIT C

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S PROPOSED
PARIENTE DRAW R-34-8-18 WATERLINE
(T8S, R18E, SECTION 34)
UINTAH COUNTY, UTAH

By:

Elizabeth Hora

Prepared for:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, Utah 84052

Submitted By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-137

June 9, 2008

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0472b

2 of 2

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE & UTAH COUNTIES, UTAH**

NE 1/4, NE 1/4 & SW 1/4, NE 1/4, Section 35, T 9 S, R 18 E (1 & 7-35-9-18);
NE 1/4, SW 1/4, & SE 1/4, NE 1/4, Section 34, T 8 S, R 18 E (11 & 42-34-8-18);
SE 1/4, SE 1/4, Section 10, T 9 S, R 16 E (44-10-9-16);
SE 1/4, NE 1/4, Section 15, T 9 S, R 16 E (42-15-9-16);
SE 1/4, SW 1/4, Section 27, T 8 S, R 17 E (14-27-8-17)

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
May 29, 2008

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/25/2008

API NO. ASSIGNED: 43-047-40163

WELL NAME: PARIETTE FED R-34-8-18

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESW 34 080S 180E

SURFACE: 1958 FSL 1852 FWL

BOTTOM: 1330 FSL 2520 FWL

COUNTY: UINTAH

LATITUDE: 40.07255 LONGITUDE: -109.8818

UTM SURF EASTINGS: 595356 NORTHINGS: 4436199

FIELD NAME: 8 MILE FLAT NORTH (590)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-37812

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

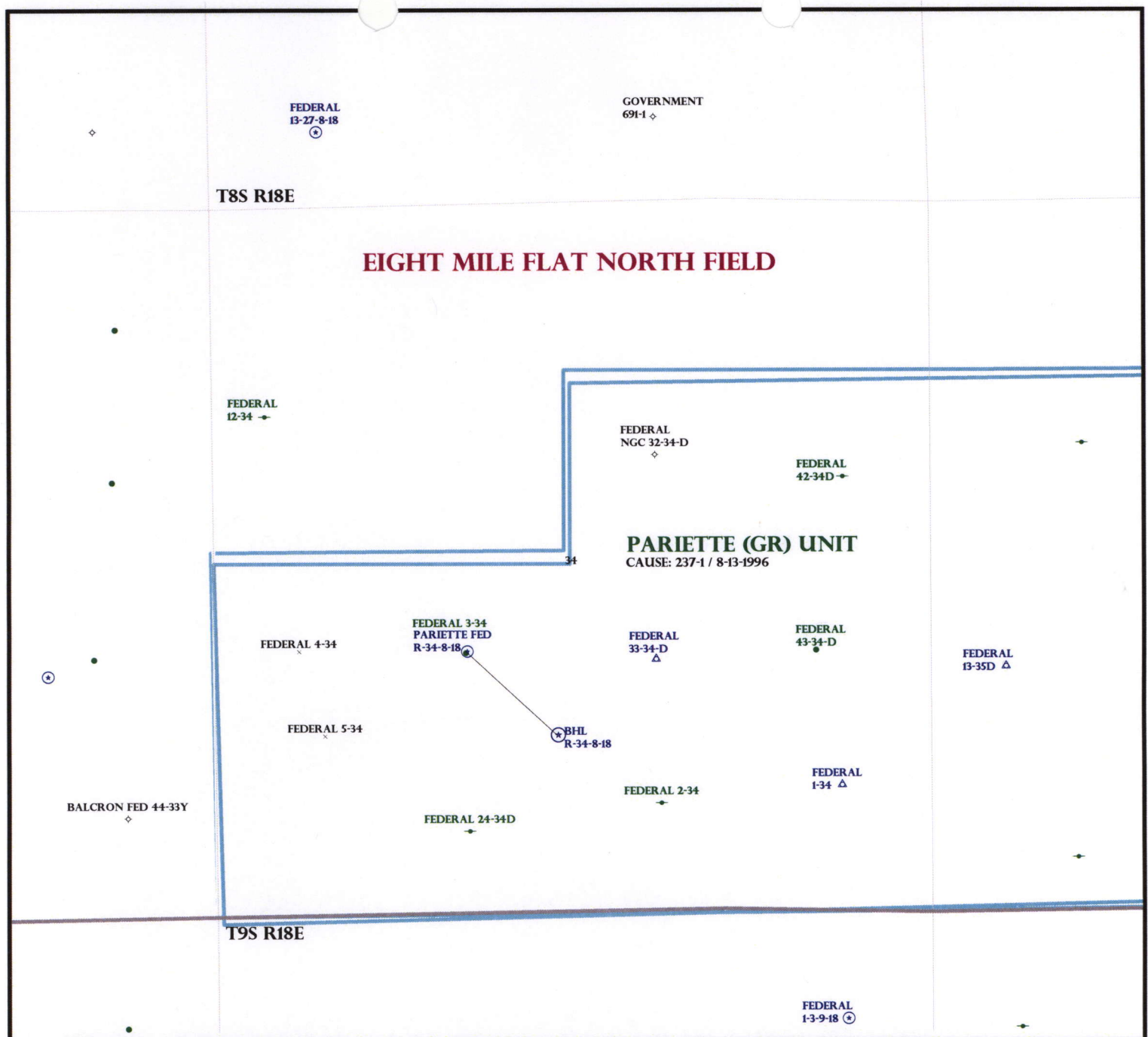
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.
Unit: PARIETTE (GRRV)
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 237-1
Eff Date: 8-13-1996
Siting: Does Not Suspend General Siting
☒ R649-3-11. Directional Drill

COMMENTS: Sup, Separate File

STIPULATIONS: 1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 34 T.8S R. 18E

FIELD: EIGHT MILE FLAT NORTH (590)

COUNTY: DUCHESNE

CAUSE: 237-1 / 8-13-1996

Field Status

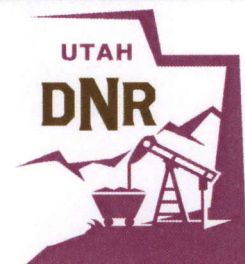
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 26-JUNE-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 26, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Pariette Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2008 within the Pariette Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-40163	Pariette Fed R-34-8-18 Sec 34 T08S R18E 1958 FSL 1852 FWL	
	BHL Sec 34 T08S R18E 1330 FSL 2520 FWL	

We have no objections to permitting the well so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Pariette Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-26-08



June 27, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Pariette Federal R-34-8-18
Pariette Unit
UTU-75526X
Surface Hole: T8S R18E, Section 34: NESW
1958' FSL 1852' FWL
Bottom Hole: T8S R18E, Section 34
1330' FSL 2520' FWL
Uintah County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated June 20, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Pariette Unit UTU-75526X. Newfield certifies that it is the Pariette Unit Operator and all lands within 460 feet of the entire directional well bore are within the Pariette Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

JUL 02 2008

DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-37812
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Pariette Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pariette Federal R-34-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface: NE/SW 1958' FSL 1852' FWL At proposed prod. zone: 1330' FSL 2520' FWL		10. Field and Pool, or Exploratory Eight Mile Flat
14. Distance in miles and direction from nearest town or post office* Approximately 20.5 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R18E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 10' f/lease, 1310' f/unit	16. No. of Acres in lease 00.00	12. County or Parish Uintah
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1286'	17. Spacing Unit dedicated to this well 20 Acres	13. State UT
19. Proposed Depth 6135'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4861' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed) Mandie Crozier	Date 6/20/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

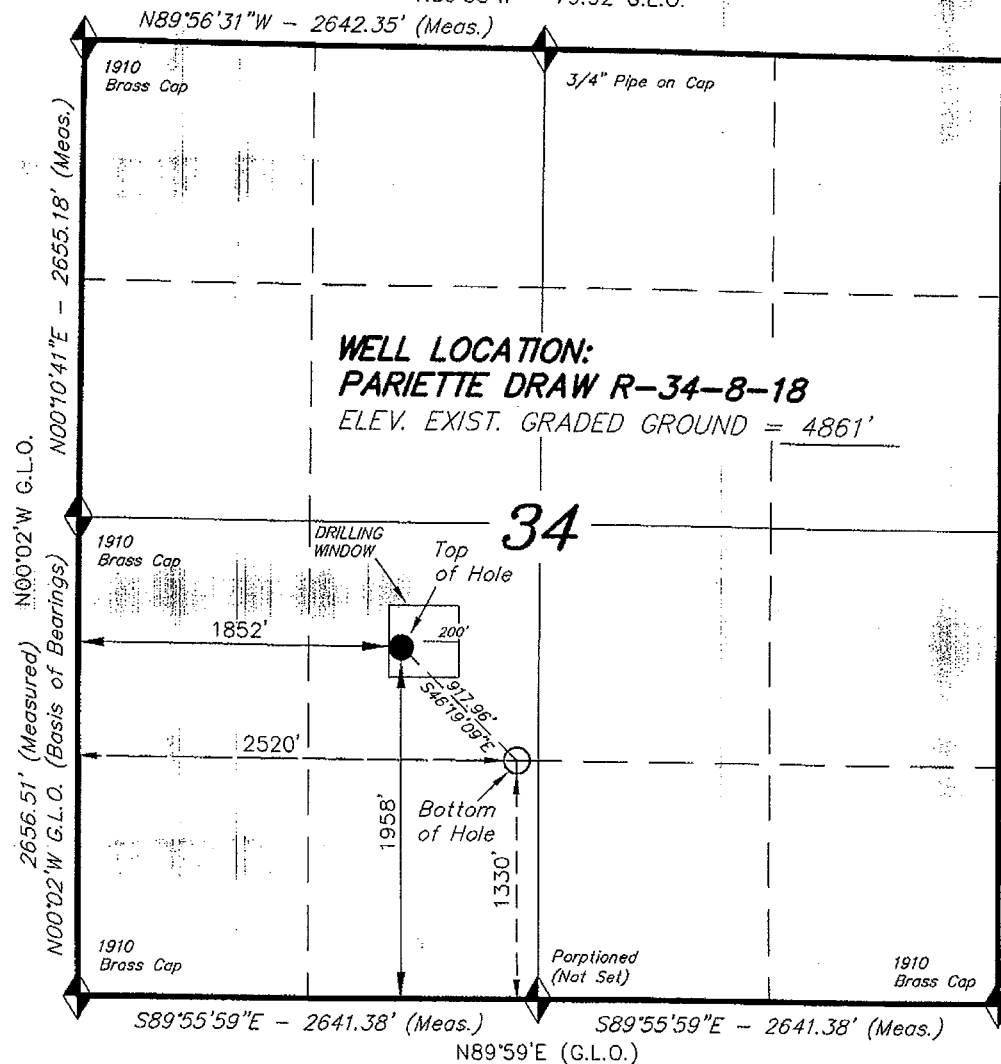
JUL 02 2008

DIV. OF OIL, GAS & MINING

T8S, R18E, S.L.B.&M.

N89°58'W - 79.92 G.L.O.

N89°56'31"W - 2642.35' (Meas.)



WELL LOCATION:
PARIETTE DRAW R-34-8-18
 ELEV. EXIST. GRADED GROUND = 4861'

34

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

PARIETTE DRAW R-34-8-18
 (Surface Location) NAD 83
 LATITUDE = 40° 04' 21.06"
 LONGITUDE = 109° 52' 56.76"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, PARIETTE DRAW
 R-34-8-18, LOCATED AS SHOWN IN THE
 NE 1/4 SW 1/4 OF SECTION 34, T8S,
 R18E, S.L.B.&M. UTAH COUNTY, UTAH



THIS IS TO CERTIFY THAT THE ABOVE MAP WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF No. 189377

STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 04-26-08	SURVEYED BY:
DATE DRAWN: 05-04-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 7, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Pariette Federal R-34-8-18 Well, Surface Location 1958' FSL, 1852' FWL, NE SW,
Sec. 34, T. 8 South, R. 18 East, Bottom Location 1330' FSL, 2520' FWL, NE SW,
Sec. 34, T. 8 South, R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40163.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Pariette Federal R-34-8-18
API Number: 43-047-40163
Lease: UTU-37812

Surface Location: NE SW Sec. 34 T. 8 South R. 18 East
Bottom Location: NE SW Sec. 34 T. 8 South R. 18 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

Form 3160-3
(September 2001)

2008 JUN 25 PM 12 31
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BUREAU OF LAND MGMT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-37812
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Pariette Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pariette Federal R-34-8-18
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 047 40163
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SW 1958' FSL 1852' FWL At proposed prod. zone NE/SW 1330' FSL 2520' FWL		10. Field and Pool, or Exploratory Eight Mile Flat
14. Distance in miles and direction from nearest town or post office* Approximatley 20.5 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 34, T8S R18E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 10' f/lse, 1310' f/unit	16. No. of Acres in lease 200.00	12. County or Parish Uintah
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1286'	13. State UT
19. Proposed Depth 6135'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4861' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 6/20/08
--	--	-----------------

Title
Regulatory Specialist

Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) Terry Venells	Date OCT 16 2008
---	---------------------------------------	---------------------

Title
Assistant Field Manager
Lands & Mineral Resources

Office
VERNAL FIELD OFFICE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

NOS 051208
AFMSS# DBPPD801A

UDOGN

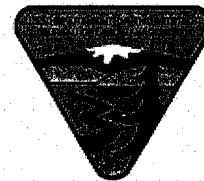


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company **Location:** NESW, Sec. 34, T8S, R18E(S)
NESW, Sec. 34, T8S, R18E(B)
Well No: Pariette Federal R-34-8-18 **Lease No:** UTU-37812
API No: 43-047-40163 **Agreement:** Pariette Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs:

STIPULATIONS:

None

Lease Notices from RMP:

The lessee/operator is given notice the area has been identified as containing Ferruginous hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

The lessee/operator is given notice the area has been identified as containing Peregrine falcon habitat. Modifications may be required in the Surface Use Plan to protect the Peregrine falcon and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

None

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) shall require additional surveys and clearances.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- **Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an**

Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

- **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above).

Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

***DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

SITE SPECIFIC DOWNHOLE COAs:

- None

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

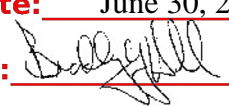
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/4¹/₄, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-37812			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: PARIETTE (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: PARIETTE FED R-34-8-18			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1958 FSL 1852 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 34 Township: 08.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047401630000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/9/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield requests to extend the Permit to Drill this well for one year.					
Approved by the Utah Division of Oil, Gas and Mining Date: June 30, 2009 By: 					
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825			
SIGNATURE N/A		TITLE Regulatory Tech			
DATE 6/29/2009					



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047401630000

API: 43047401630000

Well Name: PARIETTE FED R-34-8-18

Location: 1958 FSL 1852 FWL QTR NESW SEC 34 TWNP 080S RNG 180E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/7/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 6/29/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: June 30, 2009

By:

RECEIVED June 29, 2009

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400 ✓	4301333876	GREATER BOUNARY II FED. N34-8-17	NWSW	34	8S	17E	DUCHESNE	5/3/2010	5/18/10
WELL 1 COMMENTS: GRRV BHL = NWSW											
A	99999	17609	4301350207	WILKEN 15-24-4-2W	SWSE	24	4S	2W	DUCHESNE	4/26/2010	5/18/10
GRRV											
A	99999	17610	4304740583	UTE TRIBAL 14-6-5-2E	SESW	6	5S	2E	UINTAH	5/7/2010	5/18/10
GRRV											
A	99999	17590	4304751062	UTE TRIBAL 6A-29-4-1	SWNW	29	4S	1E	UINTAH	5/1/2010	7/15/10
GRRV rigskid from 4304740497											
B	99999	17400 ✓	4304740163	PARIETTE FEDERAL R-34-8-18	NESW	34	8S	18E	UINTAH	4/27/2010	5/18/10
WELL 5 COMMENTS: GRRV BHL = NESW											
A	99999	17611	4304740582	UTE TRIBAL 10-6-5-2E	NWSE	6	5S	2E	UINTAH	5/5/2010	5/18/10
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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MAY 10 2010

DIV. OF OIL, GAS & MINING

[Signature]
Signature

Production Clerk

Jentri Park

05/07/10

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. UTU-37812			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						7. Unit or CA Agreement Name and No. GMBU			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202				3a. Phone No. (include area code) (435)646-3721		8. Lease Name and Well No. PARIETTE FED R-34-8-18			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1958' FSL & 1852' FWL (NE/SW) SEC. 34, T8S, R18E (UTU-37812) At top prod. interval reported below 1427' FSL & 2413' FWL (NE/SW) SEC. 34, T8S, R18E (UTU-37812) At total depth 1201' FSL & 2632' FWL (NE/SW) SEC. 34, T8S, R18E (UTU-37812)						9. AFI Well No. 43-047-40163			
10. Field and Pool or Exploratory MONUMENT BUTTE						11. Sec., T., R., M., on Block and Survey or Area SEC. 34, T8S, R18E			
12. County or Parish UINTAH						13. State UT			
14. Date Spudded 04/27/2010		15. Date T.D. Reached 05/07/2010		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/24/2010		17. Elevations (DF, RKB, RT, GL)* 4861' GL 4873' KB			
18. Total Depth: MD 6250' TVD 6119'		19. Plug Back T.D.: MD 6195' TVD 6072		20. Depth Bridge Plug Set: MD TVD		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	315'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6240'		300 PRIMLITE		30'	
						400 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 6109'	TA @ 6042'							
25. Producing Intervals									
Formation	Top	Bottom	26. Perforation Record		Perforated Interval	Size	No. Holes	Perf. Status	
A) Green River			4409		5929-6062' CP4 CP5 BSL	.36"	3	18	
B) Green River					5762-5856' CP2 CP3	.34"	3	36	
C) Green River					5190-5236' B1	.34"	3	33	
D) Green River					4941-5010' D2 D3	.34"	3	15	
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5929-6062'	Frac w/ 25387#s 20/40 sand in 213 bbls of Lightning 17 fluid.								
5762-5856'	Frac w/ 59385#s 20/40 sand in 3671 bbls of Lightning 17 fluid.								
5190-5236'	Frac w/ 118633#s 20/40 sand in 722 bbls of Lightning 17 fluid.								
4941-5010'	Frac w/ 33785#s 20/40 sand in 230 bbls of Lightning 17 fluid.								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5-28-10	6-10-10	24	→	56	41	0			2-1/2" x 1-3/4" x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status PRODUCING	
			→						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3943' 4112'
				GARDEN GULCH 2 POINT 3	4223' 4495'
				X MRKR Y MRKR	4711' 4744'
				DOUGALS CREEK MRK BI CARBONATE MRK	4877' 5117'
				B LIMESTON MRK CASTLE PEAK	5296' 5665'
				BASAL CARBONATE	6067'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (PB11) 4653-4657', .34" 3/12 Frac w/ 9558#'s of 20/40 sand in 81 bbls of Lightning 17 fluid

Stage 6: Green River Formation (GB4) 4409-4413', .34" 3/12 Frac w/ 25174#'s of 20/40 sand in 197 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature

Date 06/15/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 34 T8S, R18E
R-34-8-18**

Wellbore #1

Design: Actual

Standard Survey Report

07 June, 2010

HATHAWAY HBBURNHAM
DIRECTIONAL & MWD SERVICES

Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 34 T8S, R18E
 Well: R-34-8-18
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well R-34-8-18
 TVD Reference: WELL @ 4873.0ft (NEWFIELD RIG)
 MD Reference: WELL @ 4873.0ft (NEWFIELD RIG)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Project: USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA
 Map System: US State Plane 1983
 Geo Datum: North American Datum 1983
 Map Zone: Utah Central Zone
 System Datum: Mean Sea Level

Site: SECTION 34 T8S, R18E

Site Position: Northing: 7,200,300.00 ft Latitude: 40° 4' 31.490 N
 From: Lat/Long Easting: 2,093,790.72 ft Longitude: 109° 52' 47.018 W
 Position Uncertainty: 0.0 ft Slot Radius: " Grid Convergence: 1.04 °

Well: R-34-8-18, SHL: LAT 40 04 21.06 LONG -109 52 56.76

Well Position: +N/-S 0.0 ft Northing: 7,199,231.14 ft Latitude: 40° 4' 21.060 N
 +E/-W 0.0 ft Easting: 2,093,052.67 ft Longitude: 109° 52' 56.760 W
 Position Uncertainty: 0.0 ft Wellhead Elevation: 4,873.0 ft Ground Level: 4,861.0 ft

Wellbore: Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/04/23	11.39	65.88	52,429

Design: Actual

Audit Notes:

Version: 1.0 Phase: ACTUAL Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	133.68

Survey Program: Date 2010/06/07

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
421.0	6,230.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
421.0	0.65	172.76	421.0	-2.4	0.3	1.9	0.15	0.15	0.00
452.0	0.70	170.50	452.0	-2.7	0.4	2.1	0.18	0.16	-7.29
483.0	0.51	164.00	483.0	-3.0	0.4	2.4	0.65	-0.61	-20.97
514.0	0.90	154.40	514.0	-3.4	0.6	2.8	1.31	1.26	-30.97
544.0	1.42	133.00	544.0	-3.9	0.9	3.4	2.23	1.73	-71.33
575.0	2.20	145.86	575.0	-4.6	1.6	4.3	2.82	2.52	41.48
606.0	2.50	140.30	605.9	-5.6	2.3	5.6	1.21	0.97	-17.94
636.0	2.70	139.30	635.9	-6.7	3.2	6.9	0.68	0.67	-3.33
667.0	3.20	135.50	666.9	-7.8	4.3	8.5	1.73	1.61	-12.26
697.0	3.70	130.50	696.8	-9.1	5.6	10.3	1.94	1.67	-16.67
728.0	3.80	130.70	727.7	-10.4	7.1	12.3	0.33	0.32	0.65
759.0	4.20	128.30	758.7	-11.8	8.8	14.5	1.40	1.29	-7.74



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R18E
Well: R-34-8-18
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well R-34-8-18
TVD Reference: WELL @ 4873.0ft (NEWFIELD RIG)
MD Reference: WELL @ 4873.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
789.0	4.40	127.00	788.6	-13.1	10.6	16.7	0.74	0.67	-4.33
820.0	4.90	127.80	819.5	-14.7	12.6	19.2	1.63	1.61	2.58
851.0	5.50	128.80	850.4	-16.4	14.8	22.0	1.96	1.94	3.23
881.0	6.20	127.50	880.2	-18.3	17.2	25.1	2.37	2.33	-4.33
913.0	6.50	127.10	912.0	-20.4	20.0	28.6	0.95	0.94	-1.25
945.0	7.00	129.40	943.8	-22.8	23.0	32.3	1.78	1.56	7.19
977.0	7.40	131.80	975.5	-25.4	26.0	36.3	1.56	1.25	7.50
1,008.0	8.00	128.00	1,006.2	-28.0	29.2	40.5	2.54	1.94	-12.26
1,040.0	8.20	128.80	1,037.9	-30.8	32.7	45.0	0.72	0.63	2.50
1,072.0	8.70	131.80	1,069.6	-33.9	36.3	49.7	2.08	1.56	9.38
1,104.0	9.45	130.40	1,101.2	-37.2	40.1	54.7	2.44	2.34	-4.38
1,135.0	9.38	132.40	1,131.8	-40.6	43.9	59.8	1.08	-0.23	6.45
1,167.0	9.70	131.90	1,163.3	-44.1	47.9	65.1	1.03	1.00	-1.56
1,199.0	9.80	132.20	1,194.9	-47.7	51.9	70.5	0.35	0.31	0.94
1,230.0	10.20	130.10	1,225.4	-51.3	55.9	75.9	1.75	1.29	-6.77
1,262.0	10.55	131.45	1,256.9	-55.0	60.3	81.6	1.33	1.09	4.22
1,357.0	12.10	132.10	1,350.0	-67.5	74.2	100.3	1.64	1.63	0.68
1,451.0	12.90	133.90	1,441.8	-81.4	89.1	120.6	0.95	0.85	1.91
1,547.0	14.20	134.20	1,535.1	-97.0	105.2	143.1	1.36	1.35	0.31
1,641.0	14.60	136.30	1,626.2	-113.6	121.7	166.5	0.70	0.43	2.23
1,737.0	14.90	134.80	1,719.0	-131.0	138.8	190.9	0.51	0.31	-1.56
1,832.0	14.80	131.40	1,810.8	-147.7	156.6	215.2	0.92	-0.11	-3.58
1,928.0	14.00	131.50	1,903.8	-163.5	174.5	239.1	0.83	-0.83	0.10
2,023.0	13.90	134.00	1,996.0	-179.0	191.3	262.0	0.64	-0.11	2.63
2,118.0	12.90	133.70	2,088.4	-194.3	207.2	284.0	1.06	-1.05	-0.32
2,212.0	12.80	133.40	2,180.1	-208.7	222.3	304.9	0.13	-0.11	-0.32
2,307.0	13.92	135.37	2,272.5	-224.0	238.0	326.8	1.27	1.18	2.07
2,402.0	14.00	136.80	2,364.7	-240.6	253.9	349.7	0.37	0.08	1.51
2,497.0	14.41	135.79	2,456.8	-257.4	270.0	373.0	0.50	0.43	-1.06
2,592.0	14.68	135.58	2,548.7	-274.5	286.7	396.9	0.29	0.28	-0.22
2,687.0	13.49	132.26	2,640.9	-290.5	303.3	420.0	1.51	-1.25	-3.49
2,782.0	14.63	133.01	2,733.0	-306.2	320.3	443.1	1.22	1.20	0.79
2,878.0	13.75	131.25	2,826.1	-321.9	337.7	466.6	1.02	-0.92	-1.83
2,973.0	11.65	127.82	2,918.8	-335.3	353.8	487.4	2.35	-2.21	-3.61
3,067.0	12.40	129.90	3,010.7	-347.6	369.0	506.9	0.92	0.80	2.21
3,162.0	12.68	131.05	3,103.4	-361.0	384.7	527.5	0.39	0.29	1.21
3,257.0	12.26	130.97	3,196.2	-374.4	400.2	548.0	0.44	-0.44	-0.08
3,352.0	12.22	130.39	3,289.0	-387.5	415.4	568.1	0.14	-0.04	-0.61
3,448.0	13.18	136.48	3,382.7	-402.1	430.7	589.2	1.71	1.00	6.34
3,543.0	12.00	135.40	3,475.4	-417.0	445.1	609.9	1.27	-1.24	-1.14
3,638.0	11.00	131.30	3,568.5	-430.0	458.9	628.8	1.36	-1.05	-4.32
3,732.0	11.20	133.50	3,660.7	-442.2	472.2	646.9	0.50	0.21	2.34
3,828.0	11.60	135.60	3,754.9	-455.5	485.7	665.9	0.60	0.42	2.19
3,923.0	10.50	135.40	3,848.1	-468.5	498.5	684.1	1.16	-1.16	-0.21
4,018.0	10.70	133.20	3,941.5	-480.7	511.0	701.5	0.48	0.21	-2.32
4,113.0	10.90	133.30	4,034.8	-492.9	524.0	719.3	0.21	0.21	0.11
4,209.0	11.10	136.60	4,129.0	-505.8	536.9	737.6	0.69	0.21	3.44
4,303.0	10.50	137.40	4,221.4	-518.7	548.9	755.2	0.66	-0.64	0.85
4,398.0	11.00	134.70	4,314.7	-531.4	561.2	772.9	0.75	0.53	-2.84
4,493.0	9.60	137.90	4,408.2	-543.7	573.0	789.9	1.59	-1.47	3.37
4,588.0	9.60	134.70	4,501.8	-555.1	583.9	805.7	0.56	0.00	-3.37
4,683.0	10.06	134.52	4,595.4	-566.5	595.5	821.9	0.49	0.48	-0.19
4,778.0	9.45	135.31	4,689.1	-577.9	606.9	838.0	0.66	-0.64	0.83
4,873.0	8.99	135.28	4,782.8	-588.7	617.6	853.2	0.48	-0.48	-0.03



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 34 T8S, R18E
Well: R-34-8-18
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well R-34-8-18
TVD Reference: WELL @ 4873.0ft (NEWFIELD RIG)
MD Reference: WELL @ 4873.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,968.0	10.00	131.90	4,876.5	-599.5	629.0	868.9	1.21	1.06	-3.56
5,063.0	9.40	133.90	4,970.2	-610.4	640.7	884.9	0.72	-0.63	2.11
5,158.0	9.20	136.60	5,063.9	-621.3	651.5	900.2	0.51	-0.21	2.84
5,252.0	10.40	134.60	5,156.6	-632.7	662.7	916.2	1.33	1.28	-2.13
5,295.1	10.22	134.82	5,198.9	-638.1	668.2	923.9	0.43	-0.42	0.51
R-34-8-18 TGT									
5,348.0	10.00	135.10	5,251.0	-644.7	674.8	933.2	0.43	-0.42	0.53
5,443.0	9.40	136.80	5,344.7	-656.2	685.9	949.2	0.70	-0.63	1.79
5,538.0	9.60	137.70	5,438.4	-667.7	696.5	964.9	0.26	0.21	0.95
5,633.0	9.30	133.00	5,532.1	-678.8	707.5	980.4	0.87	-0.32	-4.95
5,728.0	9.84	134.26	5,625.8	-689.7	718.9	996.2	0.61	0.57	1.33
5,823.0	11.14	134.90	5,719.2	-701.8	731.2	1,013.5	1.37	1.37	0.67
5,918.0	11.43	137.93	5,812.3	-715.3	744.0	1,032.1	0.69	0.31	3.19
6,013.0	11.12	139.49	5,905.5	-729.3	756.3	1,050.6	0.46	-0.33	1.64
6,108.0	10.11	139.53	5,998.9	-742.6	767.6	1,068.0	1.06	-1.06	0.04
6,180.0	9.14	139.16	6,069.9	-751.7	775.5	1,080.0	1.35	-1.35	-0.51
6,230.0	8.00	139.50	6,119.3	-757.3	780.3	1,087.4	2.28	-2.28	0.68

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
R-34-8-18 TGT	0.00	0.00	5,200.0	-633.9	663.8	7,198,609.34	2,093,727.83	40° 4' 14.795 N	109° 52' 48.221 W
- actual wellpath misses by 6.2ft at 5295.0ft MD (5198.9 TVD, -638.1 N, 668.2 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



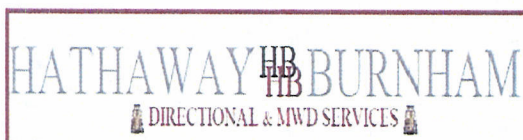
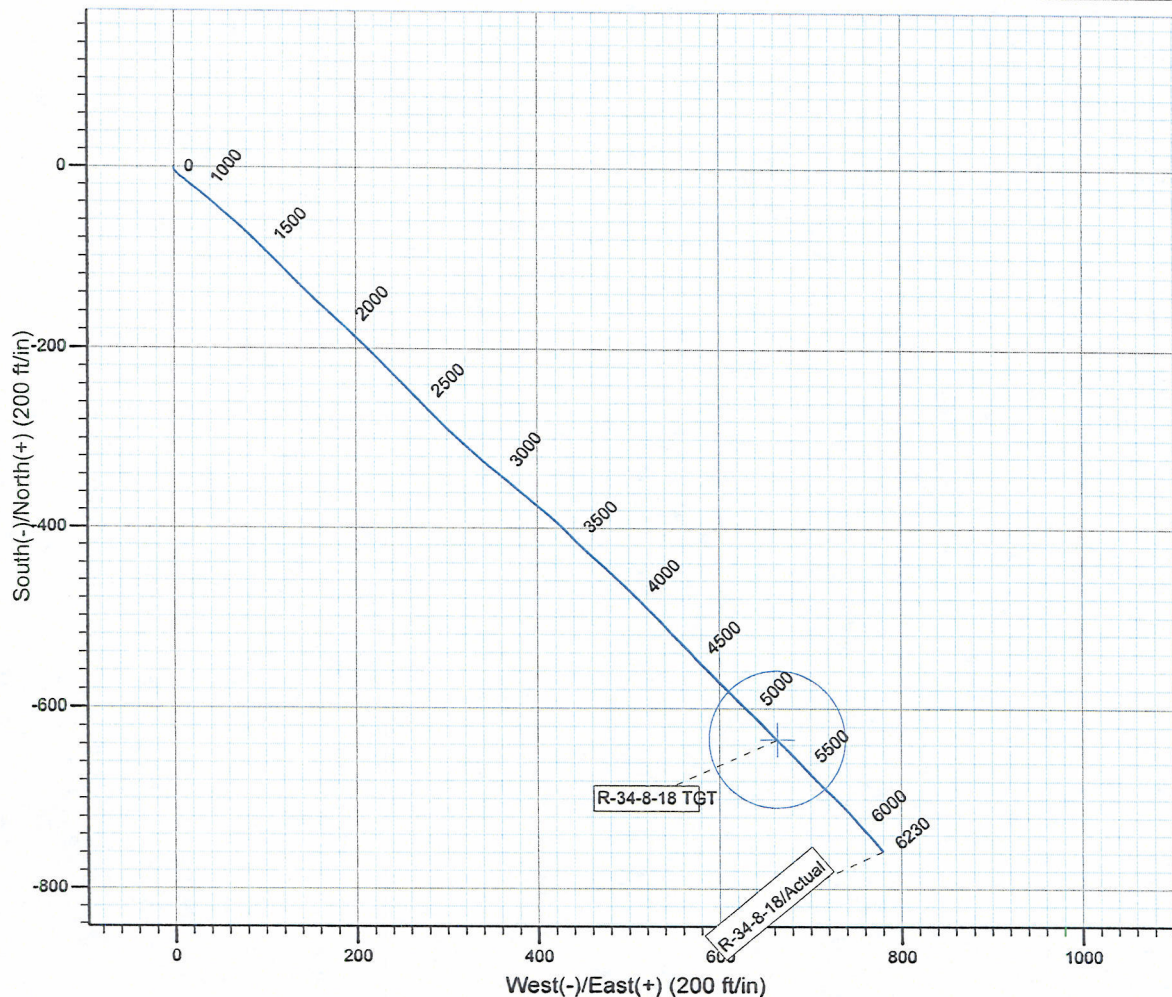
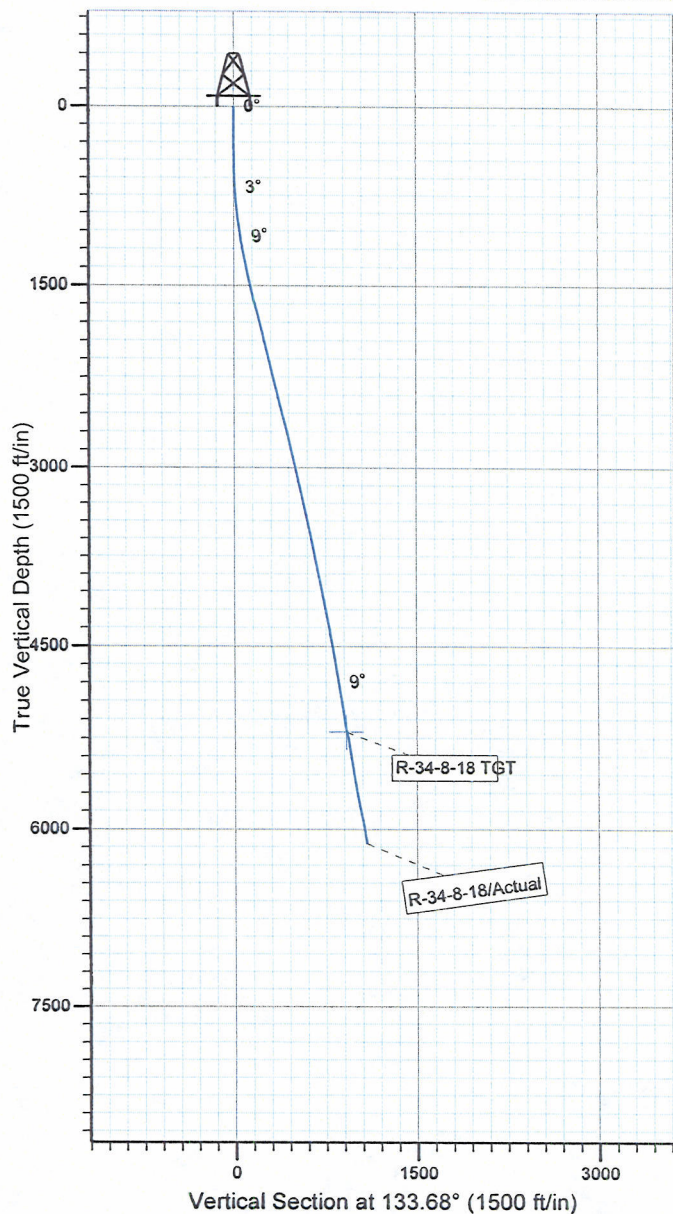
Project: USGS Myton SW (UT)
 Site: SECTION 34 T8S, R18E
 Well: R-34-8-18
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.39°

Magnetic Field
 Strength: 52429.5snT
 Dip Angle: 65.88°
 Date: 2010/04/23
 Model: IGRF2010



Design: Actual (R-34-8-18/Wellbore #1)

Created By: *Jim Hudson* Date: 20:42, June 07 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

FEDERAL R-34-8-18**2/1/2010 To 6/30/2010****FEDERAL R-34-8-18****Waiting on Cement****Date:** 4/30/2010

Ross #21 at 320. Days Since Spud - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - Returned 5 bbls to pit. - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 315.16' KB. On 4/29/10 BJ Services cemented - On 4/27/10 Ross Rig #21 spud Fed R-34-8-18, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8"

Daily Cost: \$0**Cumulative Cost:** \$27,871**FEDERAL R-34-8-18****Rigging Up****Date:** 5/3/2010

Ross #21 at 320. 0 Days Since Spud - Rig down Prepair for move to the Pariette Federal R-34-8-18

Daily Cost: \$0**Cumulative Cost:** \$29,596**FEDERAL R-34-8-18****Rigging Up****Date:** 5/4/2010

NDSI #2 at 2292. 1 Days Since Spud - Work On Pump. - Break Circ. - Drill From 280' To 2293' 20,000 WOB,143 TRPM,268 GPM, 251 fph AVG ROP - Change Out Saver Sub & Corr. Ring - P/U BHA,Smith MI 616, 7 7/8" PDC,6.5" Hunting Mud Motor7/8 4.8 1.5 degree,1x30' Monel DC,1x3' - 10 Mins,Test 8 5/8" Casing To 1500 psi For 30 mins Everything Test OK. - R/U B&C Quick Test,Test Upper Kelly,Floor Valves,Blind Rams,Pipe Rams,Choke Manifold To 2000 psi for - 5/3/10 MIRU Set Surface Equipment W/Marcus Liddell Trucking (10 Mile Move From B-12-9-17) - Double Gap,1x2' Antena Sub,1x30' Monel DC,26 HWDP.Tag Cement @ 280'

Daily Cost: \$0**Cumulative Cost:** \$58,738**FEDERAL R-34-8-18****Drill 7 7/8" hole with fresh water****Date:** 5/5/2010

NDSI #2 at 4701. 2 Days Since Spud - Rig Service Function test BOP, Grease Crown, blocks and swivel - Drill From 3117' to 4701' 20,000 WOB,143 TRPM,268 GPM,142 fph AVG ROP - Work on Pump - Drill From 2293' to 3117' 20,000 WOB,143 TRPM,268 GPM,142 fph AVG ROP

Daily Cost: \$0**Cumulative Cost:** \$89,422**FEDERAL R-34-8-18****Drill 7 7/8" hole with fresh water****Date:** 5/6/2010

NDSI #2 at 5714. 3 Days Since Spud - Pump Brine,TOOH For Bit - Change Bits,Scribe Tools,Trip In Hole. - Drill 7 7/8" Hole From 4954' To 5714', 25,000 lbs WOB,143 TRPM,268 GPM,95 fph AVG ROP - No H₂s Reported Last 24 Hrs. - Well Flowing 10 gal/ Min @ 5600' - Circ Hole For Trip,W/O Brine Water - Drill 7 7/8" Hole From 4701' To 4764', 25,000 lbs WOB,143 RPM, 268 GPM,42 fph AVG ROP - Work On Pump - Drill From 4764' To 4828' 25,000 lbs WOB, 143 TRPM,268 GPM, 32 fph AVG ROP - Rig Service, Check Crown-A-Matic,Function Test Bop's - Drill 7 7/8" Hole From 4828' To 4954', 25,000 lbs WOB,143 TRPM, 28 fph AVG

ROP

Daily Cost: \$0**Cumulative Cost:** \$139,228

FEDERAL R-34-8-18**Waiting on Cement****Date:** 5/7/2010

NDSI #2 at 6250. 4 Days Since Spud - Circ Hole For Laydown & Logs - Drill 7 7/8" Hole From 5714' To 6250' - Pump 260 bbls 10 # Brine - LDDP & BHA - Rig Up Phoenix Surveys Log With DISGL/SP/GR Suite From 6232' Loggers TD TO Surface. Log With DSN/SDL - GR/CAL Suite From 6232' To 3000' - R/U B&C Quick Test, Test 5 1/2" Pipe Rams To 2,000 psi For 10 mins Tested Ok - R/U Marcus Liddell Casing Crew, Run 143 jts 5.5', J-55, 15.5# Casing, Shoe Set @ 6239' Top Float Collar - Set At 6194' (3 Jts Will Be Transferred To GB II Fed B-3-9-17 - Circ Casing With Rig Pump - R/U BJ Services, Test Lines To 3800 psi. Pump 1st Stage Mixed @ 11.0 ppg with 3.50 yield 300sks - (PL-II +3% KCL+5# CSE+0.5# CF+2# KOL+.5SMS+FP+SF) Pump 2nd Stage Mixed @ 14.4 ppg With 1.24 yield - LDDP To 4,000' - (50:50:2+3% KCL+0.5% EC-1+.25# CF+ .05# SF+.3SMS+ FP-6L) Bumped Plug To 1300 psi Returned 10 bbls - to Pit

Daily Cost: \$0**Cumulative Cost:** \$274,286

FEDERAL R-34-8-18**Wait on Completion****Date:** 5/8/2010

NDSI #2 at 6250. 5 Days Since Spud - Nipple Down Bop's, Set Slips With 84,000# Tension - Clean Mud Tanks - Released Rig @ 10:30 AM 5/7/10 **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$277,626

Pertinent Files: Go to File List